

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094248.D
 Acq On : 7 Apr 2017 2:48
 Operator : SJ/MA
 Sample : I2574-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B57-S1(0-2)

Quant Time: Apr 07 03:15:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

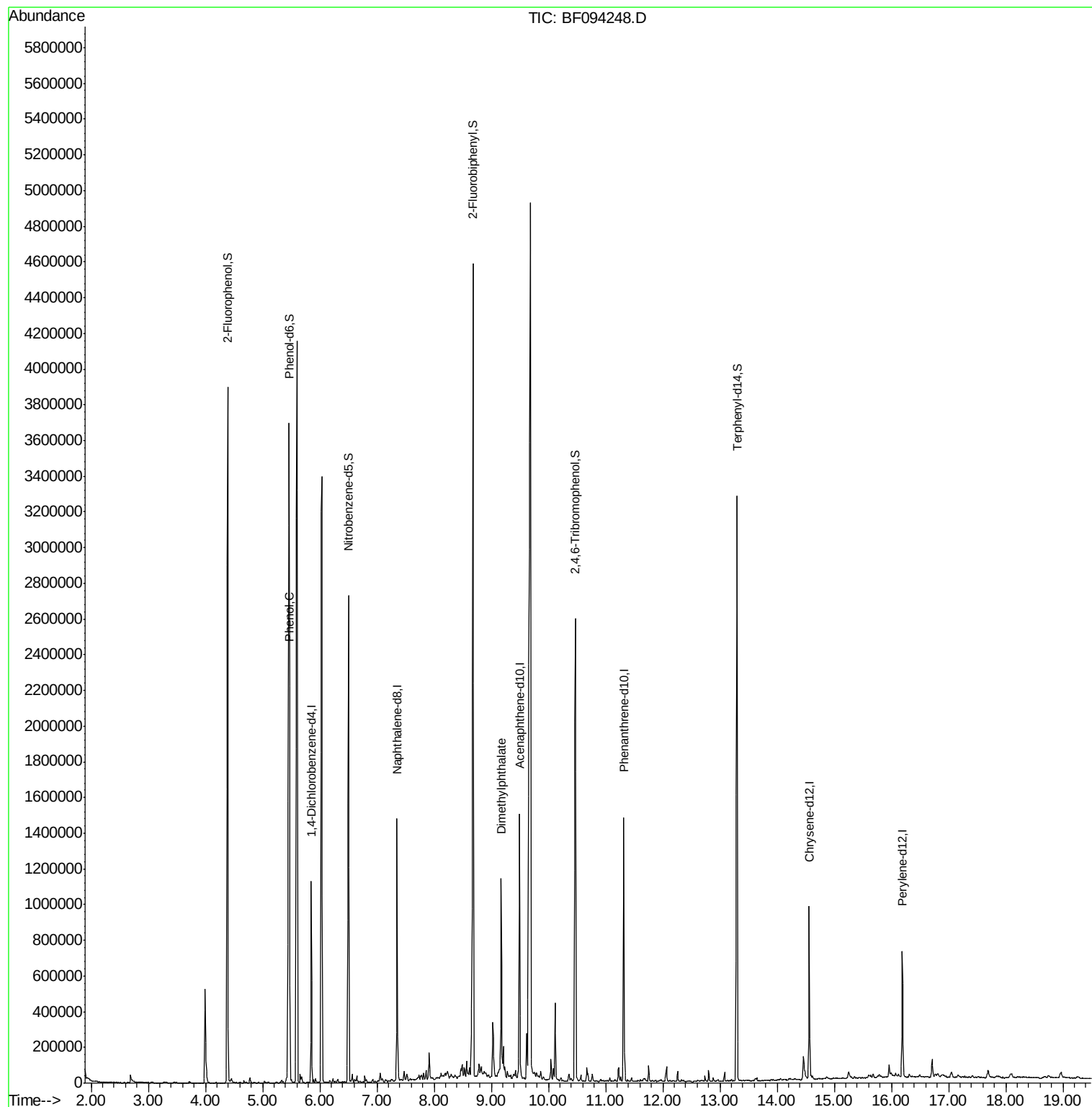
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	174213	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	719301	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	332532	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	559776	20.00	ng	0.00
75) Chrysene-d12	14.56	240	366109	20.00	ng	-0.01
86) Perylene-d12	16.19	264	280133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1352765	131.15	ng	0.00
7) Phenol-d6	5.46	99	1801306	141.17	ng	0.00
23) Nitrobenzene-d5	6.50	82	1126359	89.36	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	362161	137.82	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1718224	78.81	ng	0.00
78) Terphenyl-d14	13.30	244	1221529	74.79	ng	0.00
Target Compounds						
10) Phenol	5.47	94	123176	8.48	ng	85
49) Dimethylphthalate	9.17	163	476050	20.14	ng	99

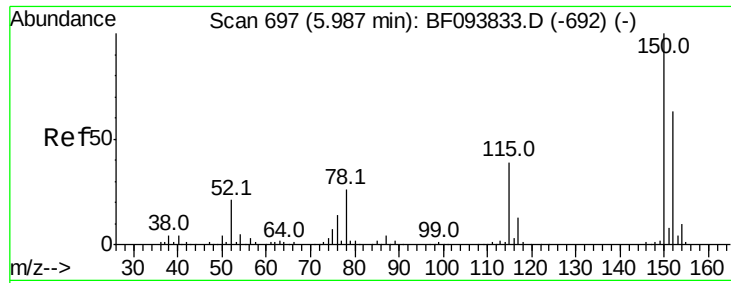
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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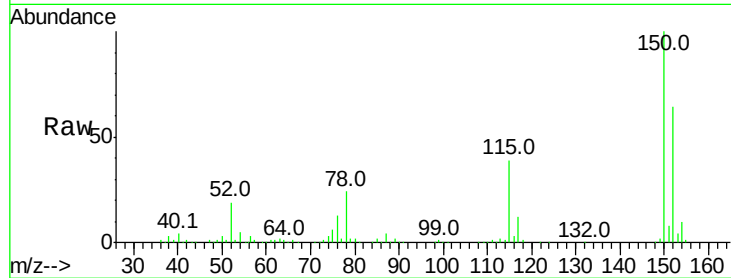


#1

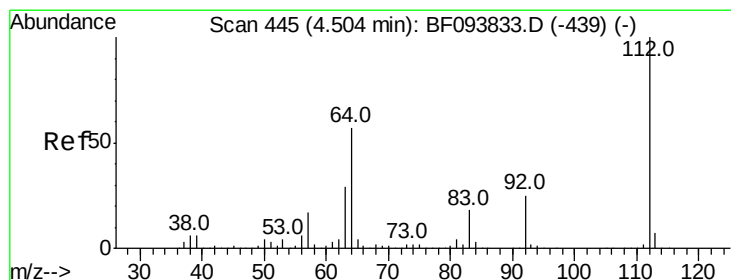
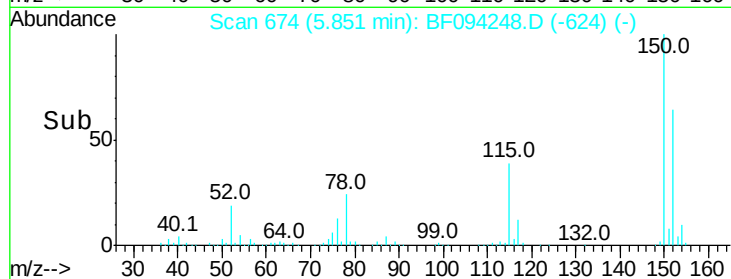
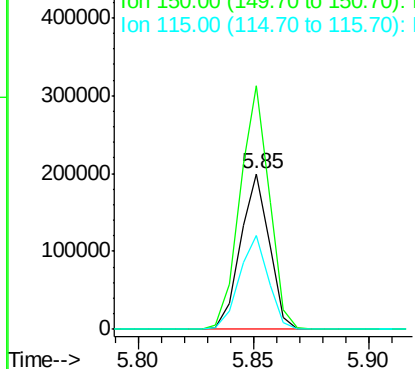
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 B57-S1(0-2)

Tot Ion:152 Resp: 174213
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.2 189.2
 115 60.8 52.2 78.2



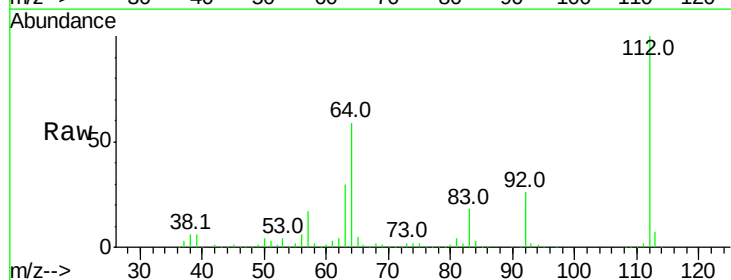
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



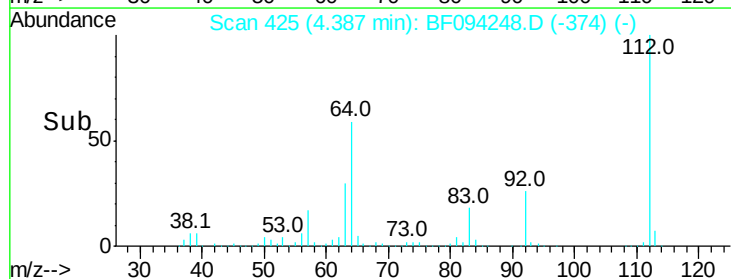
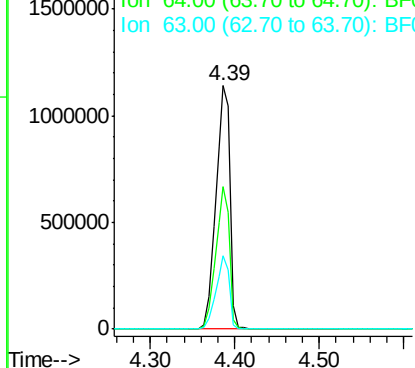
#5

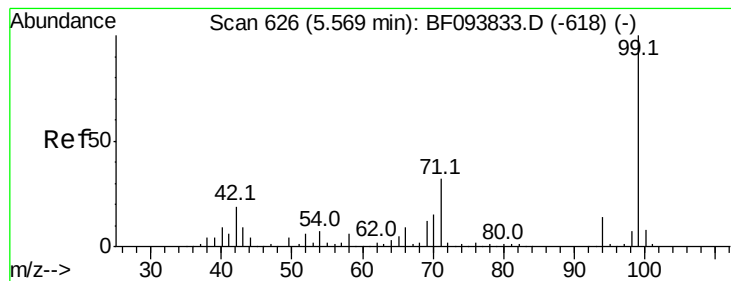
2-Fluorophenol
 Concen: 131.15 ng
 RT: 4.39 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

Tgt Ion:112 Resp: 1352765
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.0 69.0
 63 29.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.17 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094248.D

Acq: 7 Apr 2017 2:48

Instrument :

BNA_F

ClientSampleId :

B57-S1(0-2)

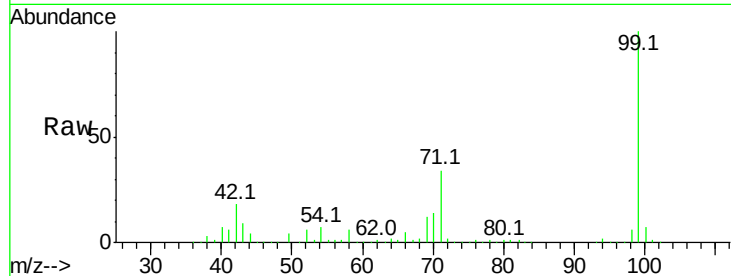
Tot Ion: 99 Resp: 1801306

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

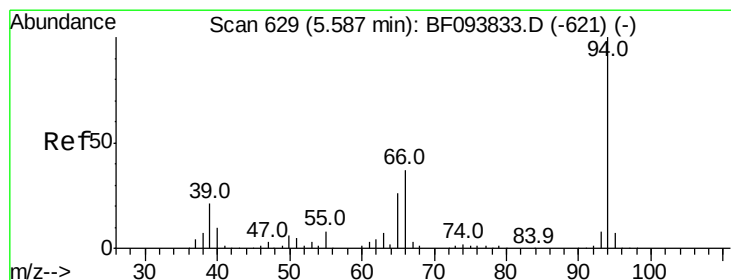
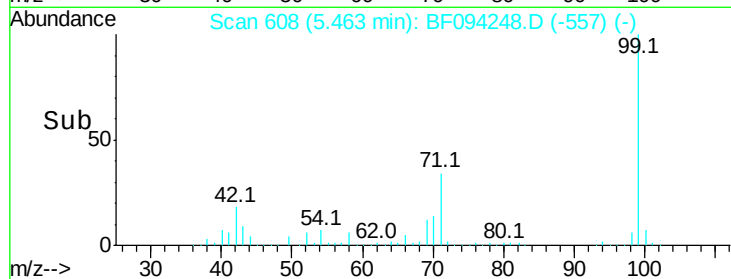
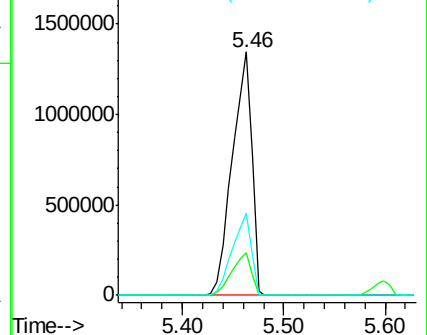
71 34.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.48 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094248.D

Acq: 7 Apr 2017 2:48

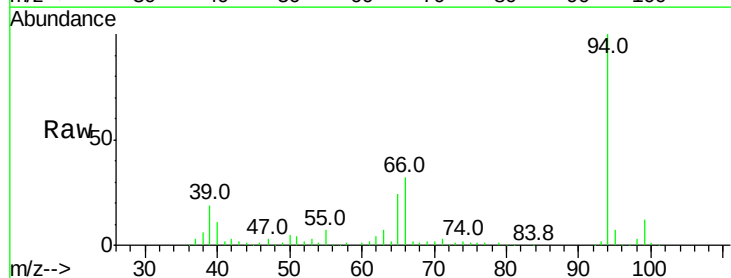
Tgt Ion: 94 Resp: 123176

Ion Ratio Lower Upper

94 100

65 23.8 9.9 49.9

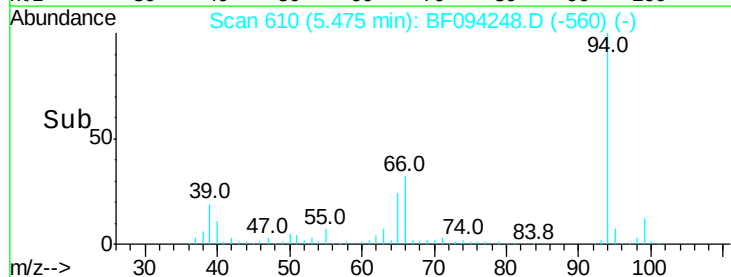
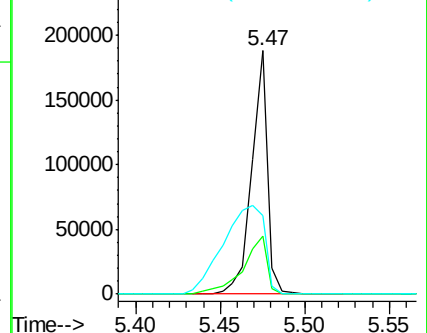
66 32.3 23.1 63.1

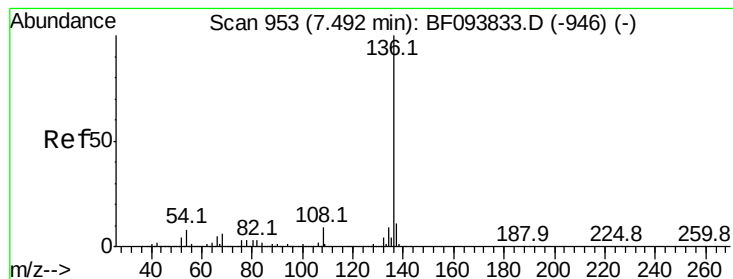


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094248.D

Acq: 7 Apr 2017 2:48

Instrument :

BNA_F

ClientSampleId :

B57-S1(0-2)

Tot Ion:136 Resp: 719301

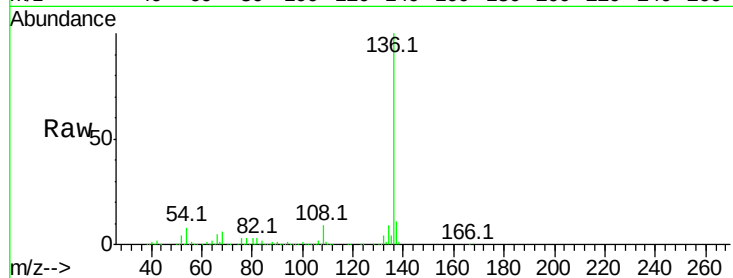
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 6.1 4.1 6.1#

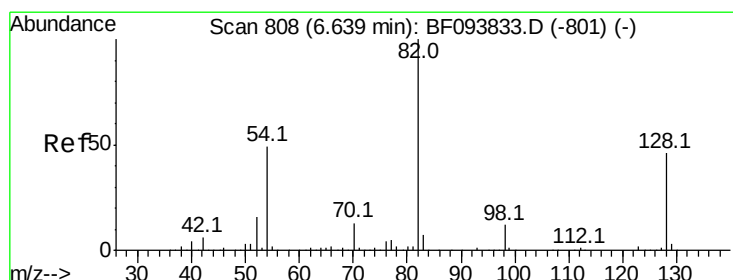
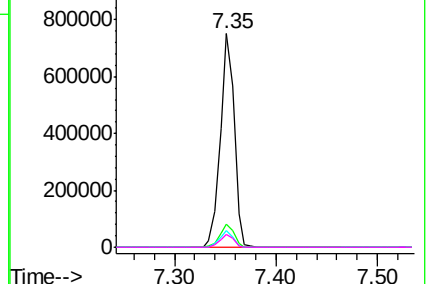
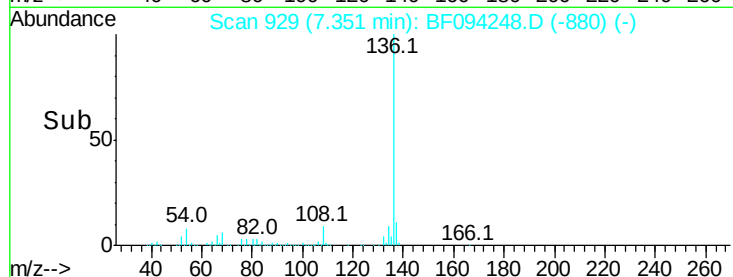


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.36 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094248.D

Acq: 7 Apr 2017 2:48

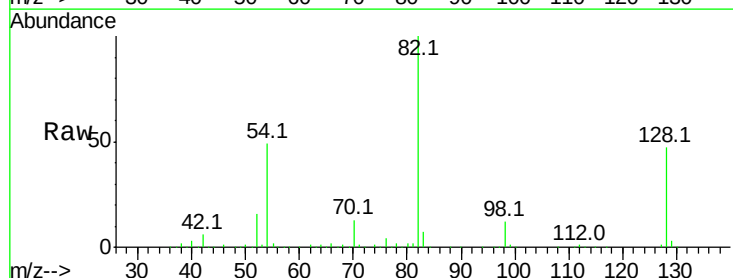
Tgt Ion: 82 Resp: 1126359

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

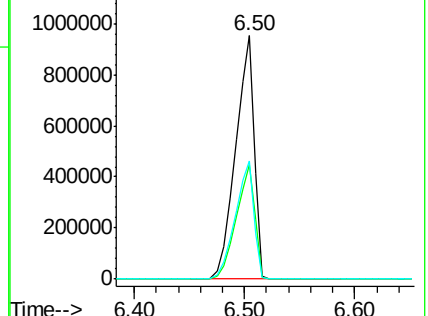
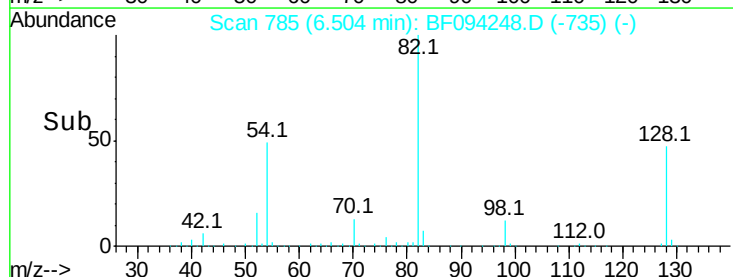
54 48.5 42.2 63.2

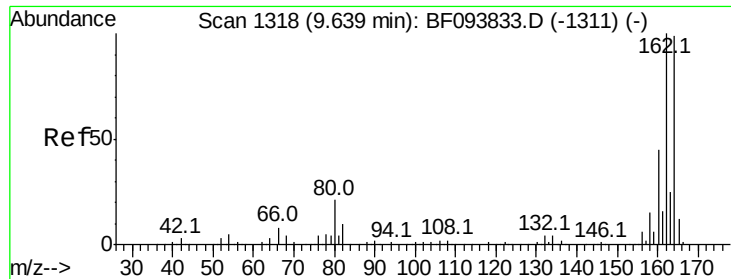


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

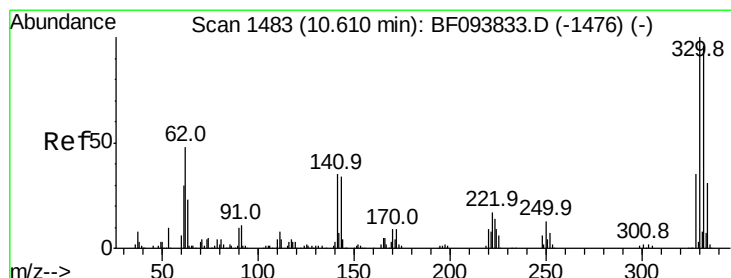
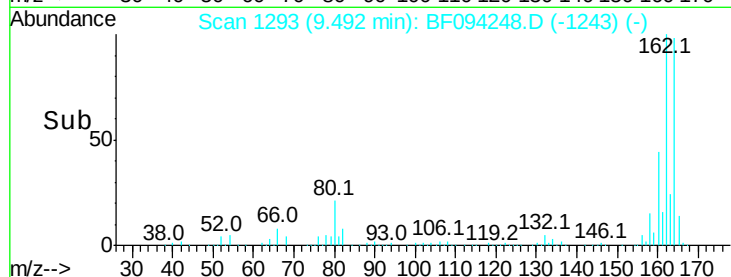
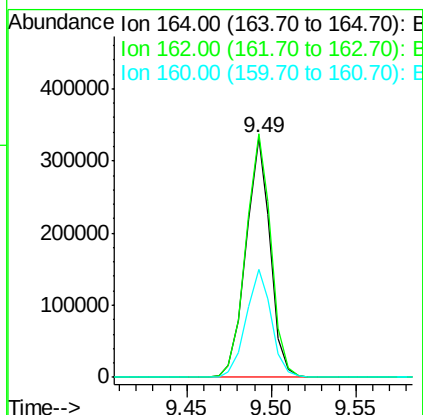
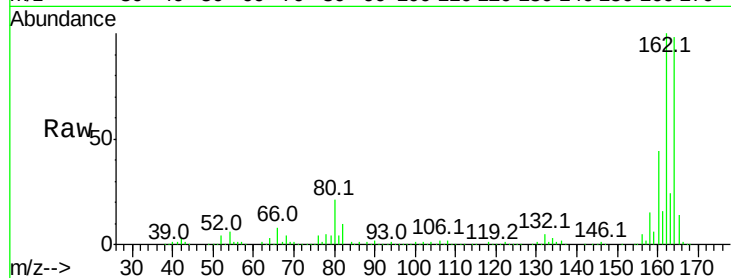




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

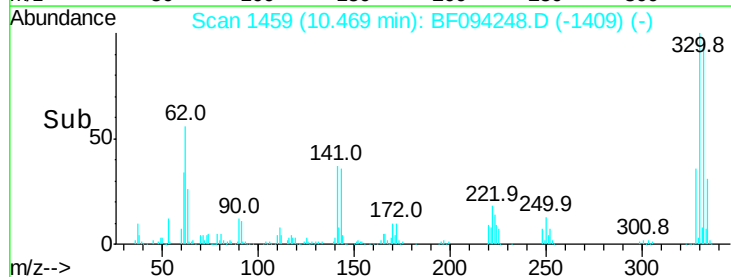
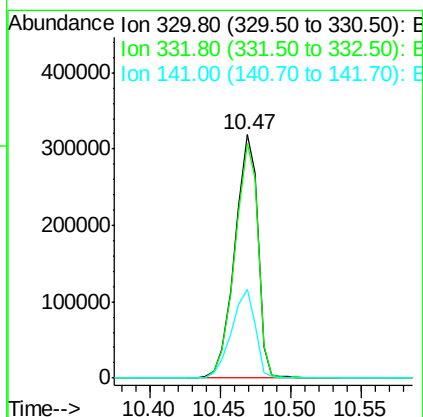
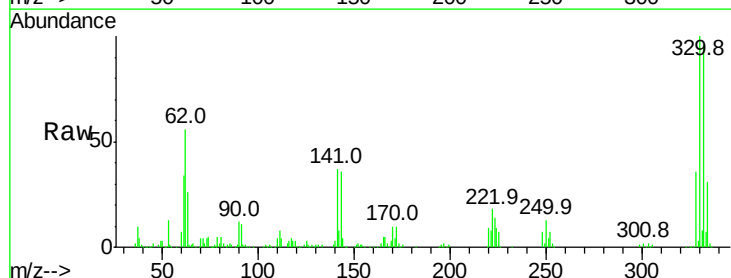
Instrument :
 BNA_F
 ClientSampleId :
 B57-S1(0-2)

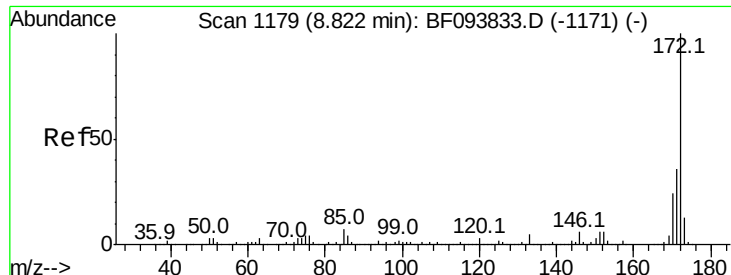
Tot Ion:164 Resp: 332532
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 137.82 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

Tgt Ion:330 Resp: 362161
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 37.7 31.4 47.2



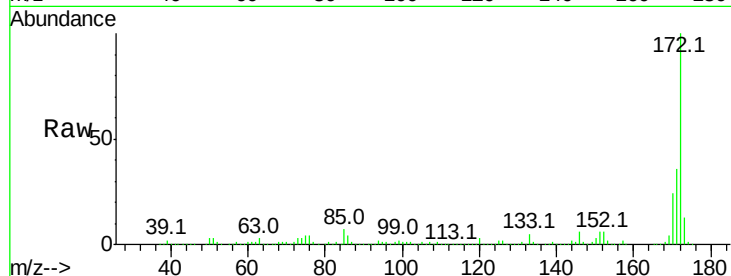


#44
 2-Fluorobiphenyl
 Concen: 78.81 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

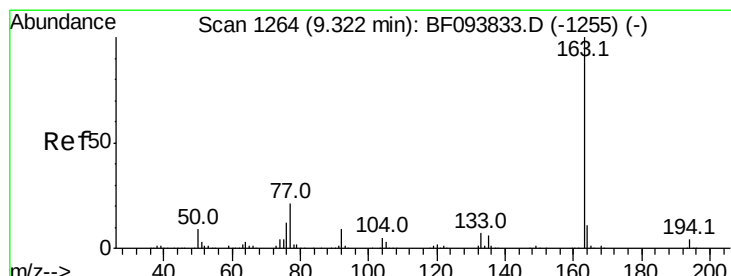
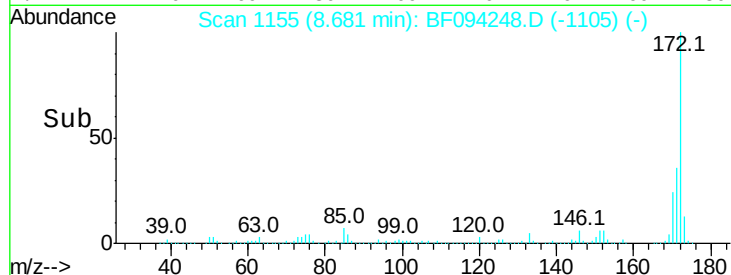
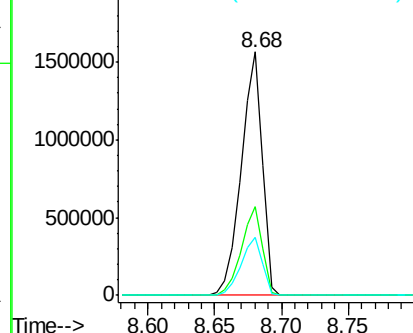
Instrument :
 BNA_F
 ClientSampleId :
 B57-S1(0-2)

Tot Ion:172 Resp: 1718224

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



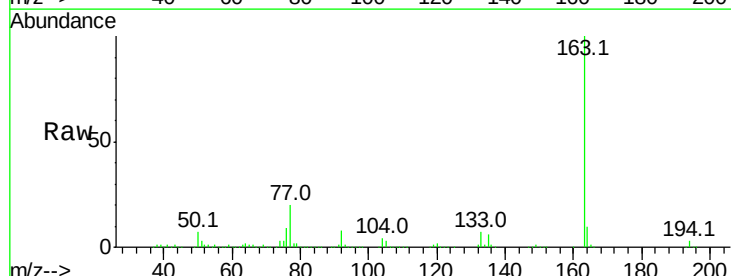
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



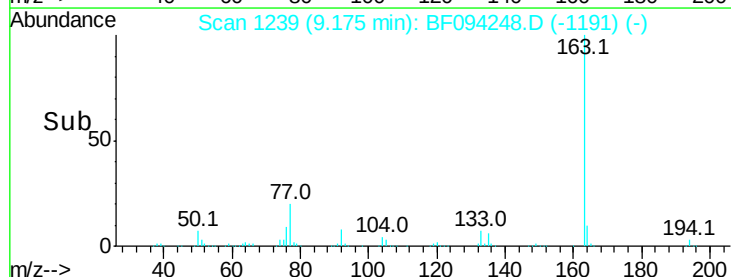
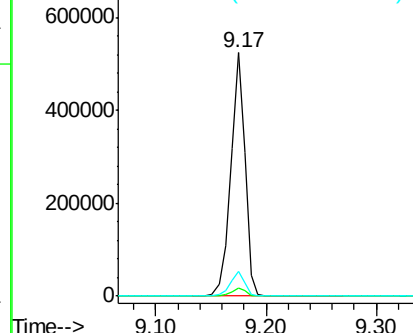
#49
 Dimethylphthalate
 Concen: 20.14 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

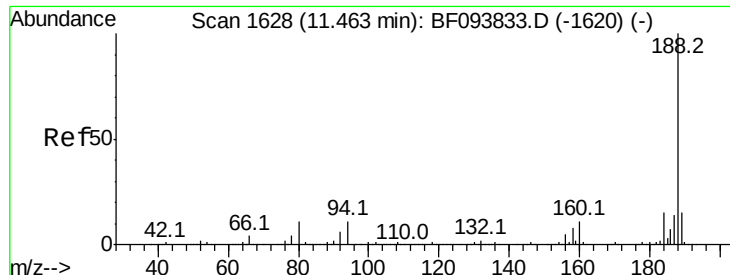
Tgt Ion:163 Resp: 476050

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094248.D

Acq: 7 Apr 2017 2:48

Instrument :

BNA_F

ClientSampleId :

B57-S1(0-2)

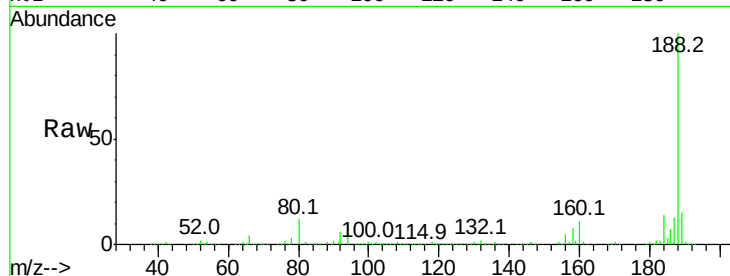
Tot Ion:188 Resp: 559776

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

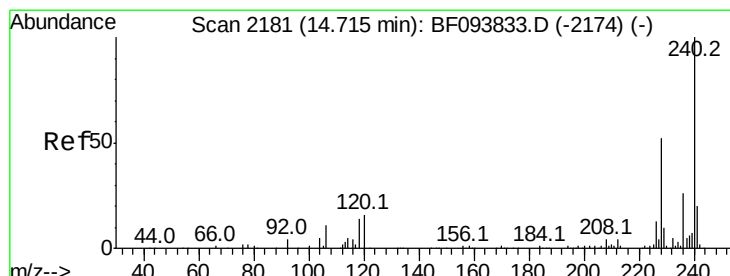
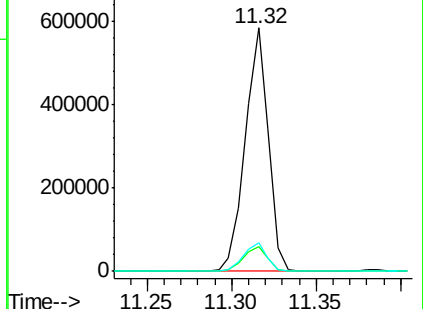
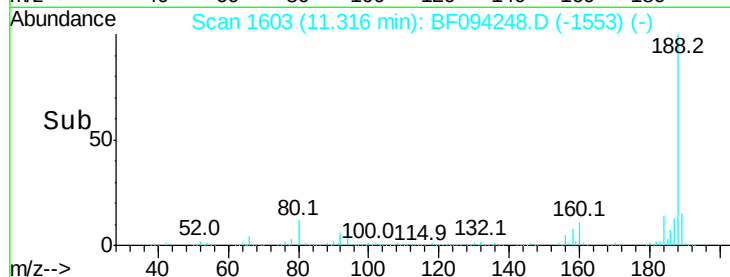
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094248.D

Acq: 7 Apr 2017 2:48

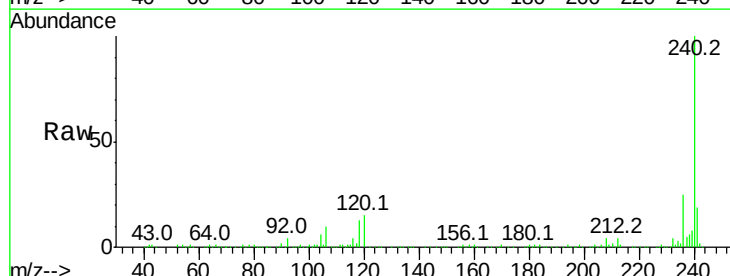
Tgt Ion:240 Resp: 366109

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

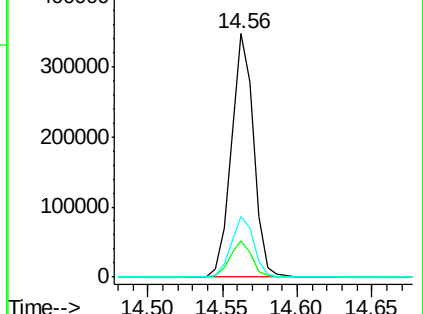
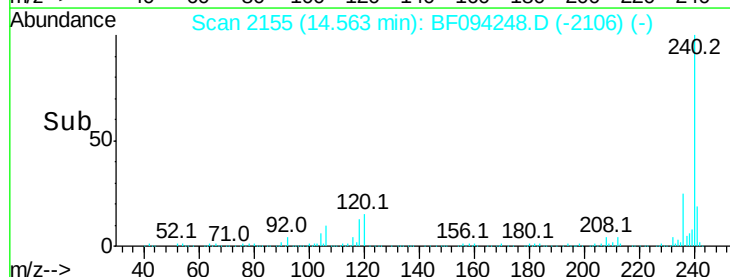
236 24.9 20.5 30.7

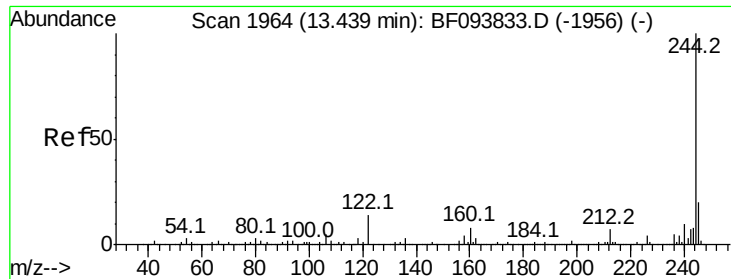


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

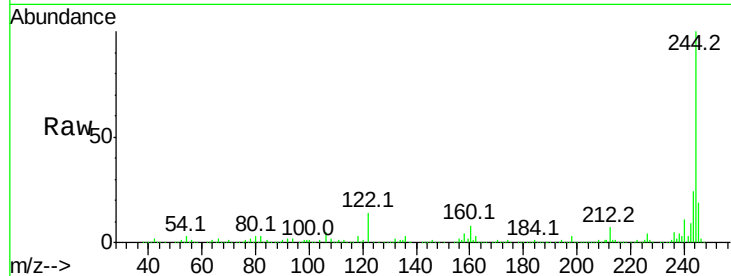




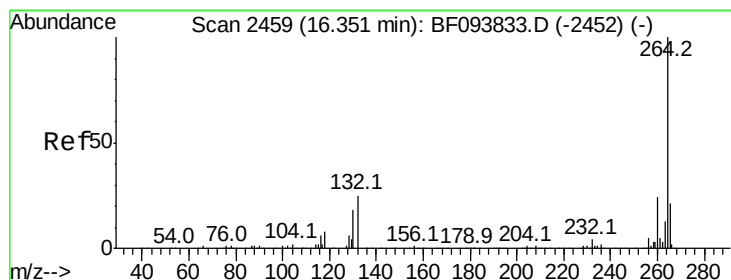
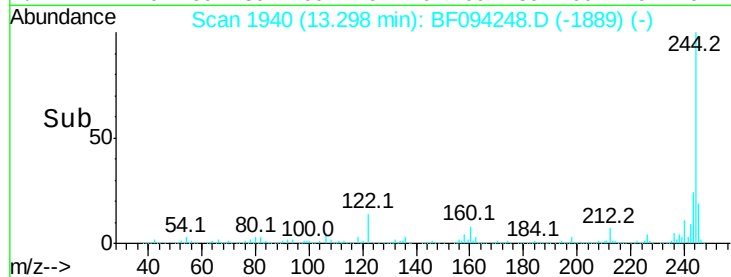
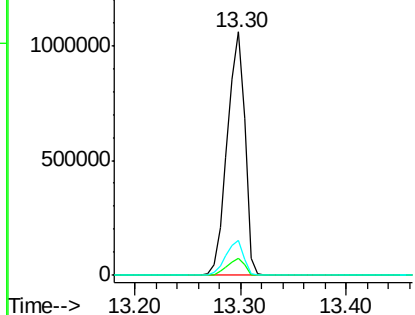
#78
 Terphenyl-d14
 Concen: 74.79 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 B57-S1(0-2)

Tot Ion:244 Resp: 1221529
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5

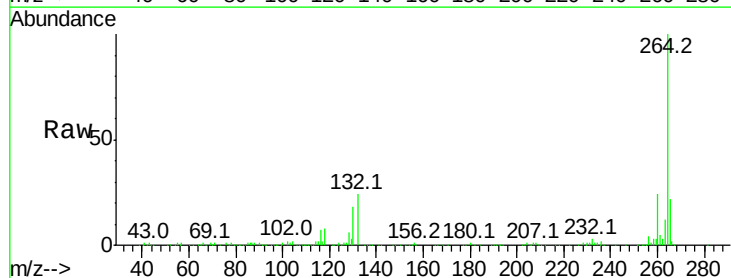


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094248.D
 Acq: 7 Apr 2017 2:48

Tgt Ion:264 Resp: 280133
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

